



# EXAMINATION ANNOUNCEMENT

## CALIFORNIA ENERGY COMMISSION

### SENIOR ELECTRICAL ENGINEER

**OPEN**

**EXAMINATION PLAN –  
NO WRITTEN TEST IS  
REQUIRED**

The entire examination will consist of a structured qualification appraisal interview weighted 100% that may include pre-exposed interview questions, presentations, oral reports, role-playing exercises, in-basket activity, or preparation of written materials. In order to obtain a position on the eligible list, a minimum rating of 70.00% must be attained in the interview.

**QUALIFICATIONS  
APPRAISAL**

It is anticipated that interviews will be held during November/December 2008.

**FILING  
INSTRUCTIONS**

**FILE BY MAIL OR IN PERSON WITH:**

California Energy Commission  
Selection, Training & EEO Office (SR. EL ENG)  
1516 Ninth Street, MS #52  
Sacramento, CA 95814

**DO NOT SEND APPLICATIONS TO THE STATE PERSONNEL BOARD**

Applications may be obtained at the State Personnel Board, any Employment Development Department in California, or the California Energy Commission. If you wish to download the application go to <http://www.spb.ca.gov/Employment/documents/capp.pdf>.

Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.

**SPECIAL TESTING  
ARRANGEMENTS**

If you have a disability and need special testing arrangements, mark question #2 of the "Application for Examination." You will be contacted to make specific arrangements.

**SALARY RANGE**

\$8115 - \$9859

**FINAL FILING DATE**

**October 23, 2008**

All applicants must submit an Application (STD 678) no later than the final filing date. Applications personally delivered or received via interoffice mail **after 5:00 p.m. on the final filing date will not be accepted for any reason. Applications and/or resumes submitted via facsimile (FAX) machines or electronically mailed (e-mail) will not be accepted.**

Senior Electrical Engineer  
HJ30 – 3600  
8ER43

[www.energy.ca.gov](http://www.energy.ca.gov)  
(916) 653-6532

Final File Date: October 23, 2008

EQUAL EMPLOYMENT OPPORTUNITY TO ALL REGARDLESS OF RACE, COLOR, CREED, NATIONAL ORIGIN, ANCESTRY, SEX, MARITAL STATUS, DISABILITY, RELIGIOUS OR POLITICAL AFFILIATION, AGE OR SEXUAL ORIENTATION

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**REQUIREMENTS FOR  
ADMITTANCE TO THE  
EXAMINATION**

It is your responsibility to make sure you meet the education and/or experience requirements stated below by the final filing date. Your signature on your application indicates you have read, understood and possess the basic qualifications required. **All applications/resumes must include: "to" and "from" dates (month/day/year); time base (full-time/part-time/number of hours per week/month); and civil service class titles where applicable. Applications/resumes received without this information will be rejected.**

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**TYPICAL TASKS**

Plans, organizes, assigns and checks work, gives instructions and assistance, evaluates performance, and makes technical decisions in connection with the supervision of the work of a group of designers and drafting technicians engaged in making complete designs, construction drawings and specifications of major electrical installations, such as complete office illumination, special psychiatric hospital and maximum security prison illumination, all types of sports area lighting, underground and overhead distribution systems, substations, communications systems, radio and sound systems, fire reporting and alarm systems, and special electrical controls for refrigeration and air-conditioning; reviews and supervises the checking of plans, designs, and quantities; writes technical specifications; supervises the construction of major electrical installations and makes field investigations and surveys; dictates correspondence and prepares reports.

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**MINIMUM  
QUALIFICATIONS**

**Experience:** Five years of professional electrical engineering experience, at least two years of which shall have been in design and inspection work in several of the fields described in the "TYPICAL TASKS" above, and comparable in responsibility to that of an Associate Electrical Engineer in the California state service.

**AND**

**Education:** Equivalent to graduation from college with major work in electrical engineering. (Additional qualifying experience may be substituted for the required education on a year-for-year basis.)

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**THE POSITION**

Under general direction, to perform the more difficult work in and to supervise electrical engineering design, drafting, and inspection work involved in the design and construction of complete State hospitals and institutions, office buildings, and industrial plants; and to do other related work.

**Positions exist in Sacramento with the California Energy Commission.**

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**SCOPE**

Questions in the interview are designed to test broad knowledge of the topic under consideration and candidates should be prepared to respond to a wide variety of issues, both technical and procedural.

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**KNOWLEDGE OF**

1. Current and developing electrical theory and practice, modern electrical equipment and apparatus and power distribution and complex control systems;
  2. Specification writing, estimating, and material listing;
  3. Various codes, safety orders, and regulations governing electrical work;
  4. Motors, transformers, power centers and their application;
  5. Principles of effective supervision and planning, organizing, and directing the work of others;
  6. The Commission's Equal Employment Opportunity Program objectives.
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**ABILITY TO**

1. Plan, organize and direct the work of others;
  2. Make field inspections and surveys and direct or inspect field construction operations;
  3. Check drawings, specifications and plans;
  4. Establish and maintain cooperative relations with those contacted in the work;
  5. Analyze novel and complex situations accurately and adopt an effective course of action;
  6. Prepare correspondence and reports;
  7. Effectively contribute to the Commission's Equal Employment Opportunity Program.
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**ELIGIBLE LIST  
INFORMATION**

A departmental open eligible list will be established for the California Energy Commission. The list will be abolished 12 months after it is established unless the needs of the service and condition of the list warrant a change in this period.

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**VETERANS  
PREFERENCE POINTS**

WILL NOT BE GRANTED IN THIS EXAMINATION

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**CAREER CREDITS**

DO NOT APPLY IN THIS EXAMINATION

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**ONLY INDIVIDUALS LAWFULLY AUTHORIZED TO WORK IN THE UNITED STATES WILL BE HIRED**

**GENERAL INFORMATION**

**For an examination** without a written feature it is the candidate's responsibility to contact the Examination Unit at (916) 653-6532, three weeks after the final filing date if he/she has not received a progress notice. If a candidate's notice of oral interview or performance test fails to reach him/her prior to the day of the interview due to a verified postal error, he/she will be rescheduled upon written request.

**If you meet the requirements** stated on the reverse, you may take this examination, which is competitive. Possession of the entrance requirement does not assure a place on the eligible list. Your performance in the examination will be compared with the performance of the others who take this test, and all candidates who pass will be ranked according to their scores.

**The California Energy Commission** reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all competitors will be notified.

**Eligible Lists:** Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) service-wide promotional, 5) open eligible list. When there are two lists of the same kind, the older must be used first.

**General Qualifications:** Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history, and fingerprinting may be required.

**Veteran's Preference Points:** Veteran's preference credit is granted only on open list resulting from entrance examinations. These credits are granted to all competitors who qualify for, and have requested these points and who are successful in all parts of the examination. (The examination announcement indicates if veteran's preference points will apply.) Requests for veteran's preference, together with proof of eligibility should be submitted to: State Personnel Board, 801 Capitol Mall, Sacramento, CA 95814, Attention Veteran's desk, MS-37. It is necessary to establish eligibility only once.

**Career Credit:** A competitor who passes an open, non-promotional civil service examination and who has permanent civil service status (or who has a mandatory right of reinstatement to a position with permanent civil service status) is eligible to receive three career credit points added to his/her earned score. Career credits are not given to persons who have permissive reinstatement privileges. The distinction between mandatory right of reinstatement and permissive reinstatement privilege is outlined in Government Code Sections 19140-19143. (The examination announcement indicates if career credit points will apply.) Veteran's points are not granted in such examinations.

**DO NOT SEND APPLICATIONS TO THE STATE PERSONNEL BOARD**

California Relay (Telephone) Service for the Deaf or Hearing Impaired  
From TDD Phones: 1-800-735-2929 – From Voice Phones 1-800-735-2922

TDD is a Telecommunication Device for the Deaf and is reachable only from telephones equipped with a TDD device.

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IT IS AN OBJECTIVE OF THE STATE OF CALIFORNIA TO ACHIEVE A DRUG-FREE WORK PLACE. ANY APPLICANT FOR STATE EMPLOYMENT WILL BE EXPECTED TO BEHAVE IN ACCORDANCE WITH THIS OBJECTIVE BECAUSE THE USE OF ILLEGAL DRUGS IS INCONSISTENT WITH THE LAW OF THE STATE, THE RULES GOVERNING CIVIL SERVICE, AND THE SPECIAL TRUST PLACED IN PUBLIC SERVANTS.

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